

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 John CAIRNEY et al.) Group Art Unit: 1631
)
 Division of Application No.: 09/973,994) Examiner: Not Yet Assigned
 Filed October 11, 2001)
)
 Filed: September 2, 2003)
)
 For: DIFFERENTIALLY-EXPRESSED)
 CONIFER cDNAs, AND THEIR)
 USE IN IMPROVING SOMATIC)
 EMBRYOGENESIS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed with the above-identified divisional application.

Copies of the listed documents were previously submitted in a prior application, application no. 09/973,994, filing date October 11, 2001, upon which applicant relies for the benefits provided in 35 U.S.C. § 120. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed

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documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

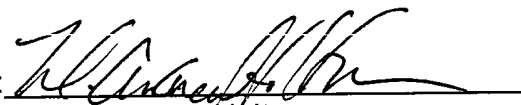
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: September 2, 2003

By: 
M. Andrew Holtman
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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07648.0023	Serial No.	09/973,994
Applicant	CAIRNEY et al.		
Filing Date	October 11, 2001	Group:	1638

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Cairney et al., "Stress-Related Genes in Woody Plants: Transcriptional and Post-Transcriptional Regulation, <i>Somatic Cell Genetics and Molecular Genetics of Trees</i> , 1996, pp. 277-283
	Cairney et al., "Conifer Embryogenesis: Gene Expression Studies in Loblolly Pine Using Differential Display, Mass Gene Cloning and High-Density cDNA Array," Abstract Barcelona EPEN Meeting, 1997
	Cairney et al., "Large-Scale Gene Discovery and Expression Analysis -- Embryo Development," Abstract, IEG Meeting GENE DISCOVERY TOOLS, 1997
	Cairney et al., "Differential Display: A Tool to Follow Natural and Somatic Embryo Development in Loblolly Pine," 1997 <i>Biological Sciences Symposium, TAPPI Proceedings</i> , pp. 85-91
	Cairney, et al., "Mass Gene Cloning, High-Density cDNA Array and Somatic Embryogenesis in Loblolly Pine: Tools for Monitoring Embryogenesis," SE Abstract Rutgers Conifer Biotech Meeting, 1998
	Cairney et al., "Natural and Somatic Embryo Development in Loblolly Pine," <i>Applied Biochemistry and Biotechnology</i> , Vol. 77-79, 1999, pp. 5-17
	Cairney et al., "Gene Expression During Conifer Embryogenesis: DNA Arrays as a Means of Following Somatic and Zygotic Embryo Development," Abstract P5 Plant Symposia, <i>In Vitro (Cellular & Developmental Biology)</i> , Vol. 35, No. 3, Part II, March 1999
	Cairney et al., "Special Symposium: <i>In Vitro</i> Plant Recalcitrance Transcript Profiling: A Tool to Assess the Development of Conifer Embryos," <i>In Vitro Cell. Dev. Biol.</i> , 36:155-162, May-June, 2000

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Dong, et al., "Molecular biology of somatic embryogenesis in conifers," <i>Molecular Biology of Woody Plants</i> , Vol. 1, 2000, pp. 51-87
	Pedroso et al., "Factors controlling somatic embryogenesis," <i>Plant Cell, Tissue and Organ Culture</i> , Vol. 43, 1995, pp. 147-154
	Pullman et al., "Gene Expression Differences Between Zygotic and Somatic Embryos Monitored by Differential Display and cDNA Array: A Potential Tool to Improve Loblolly Pine Somatic Embryo Quality," <i>Plant Biotechnology and In Vitro Biology in the 21st Century</i> , 1999, A. Altman et al. (eds.), pp. 81-84
	Xu et al., "Rapid and Reliable Differential Display from Minute Amounts of Tissue: Mass Cloning and Characterization of Differentially Expressed Genes from Loblolly Pine Embryos", <i>Plant Molecular Biology Reporter</i> , Vol. 15, 1997, pp. 377-391
	Xu et al., "Differential Display as a Tool to Monitor Embryo Development in Loblolly Pine," Supplemental to <i>Plant Physiology</i> , Abstract 1516, Vol. 114, No. 3, July 1997
	Xu et al., "Contrasting zygotic and somatic embryo development," W-1 Abstract, <i>In Vitro (Cellular & Developmental Biology)</i> , Vol. 35, No. 3, Part II, March 1999

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